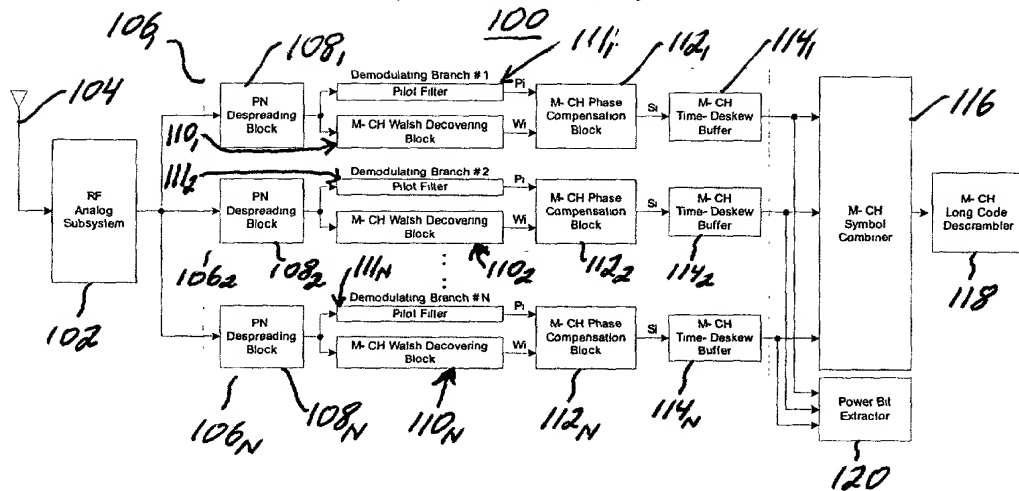


**FIG. 1**  
**(PRIOR ART)**



**FIG. 2**  
**(PRIOR ART)**

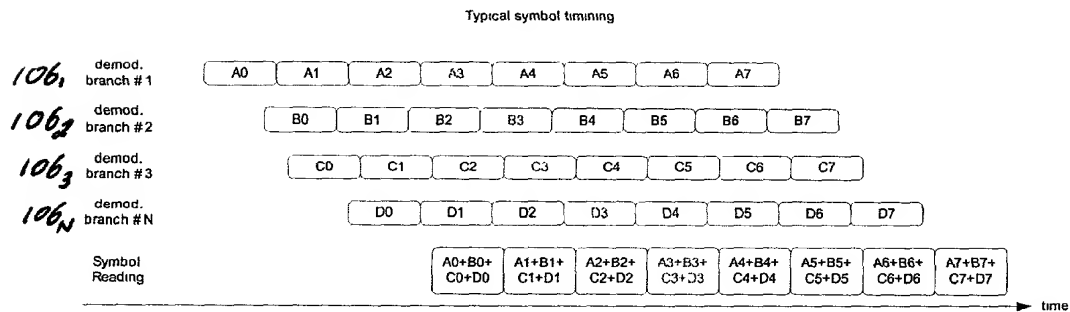


FIG. 3

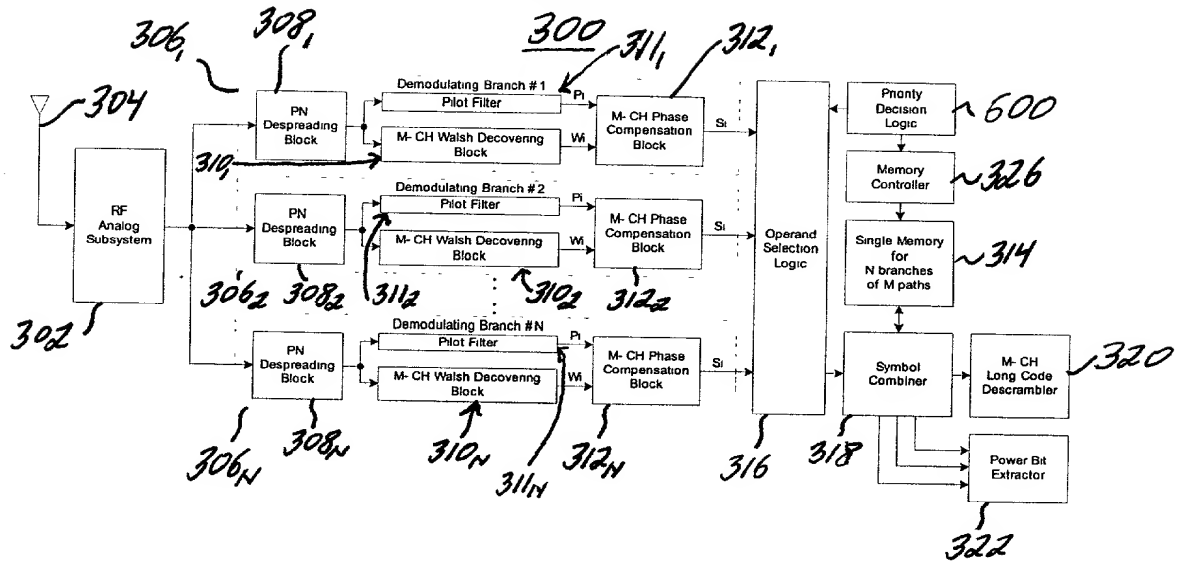


FIG. 4

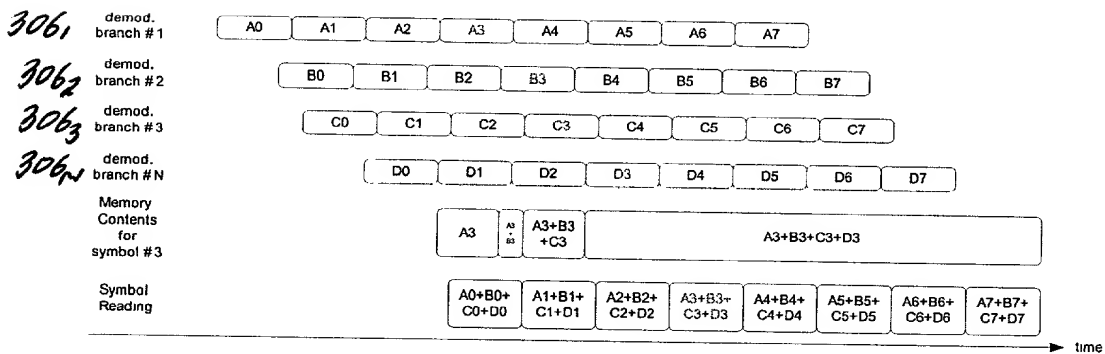


FIG. 5

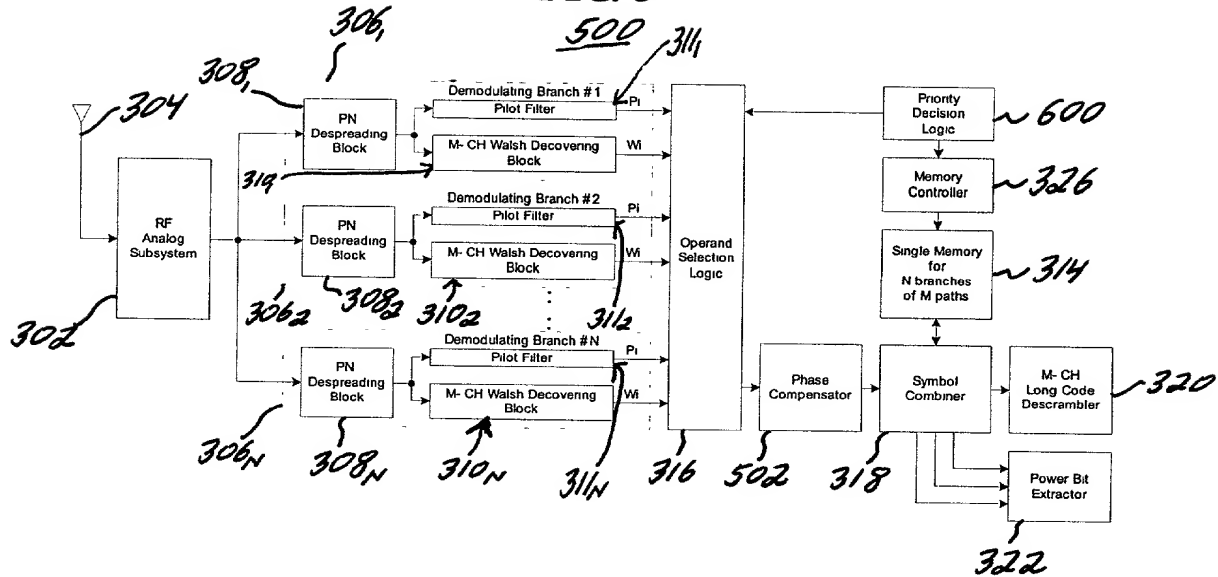
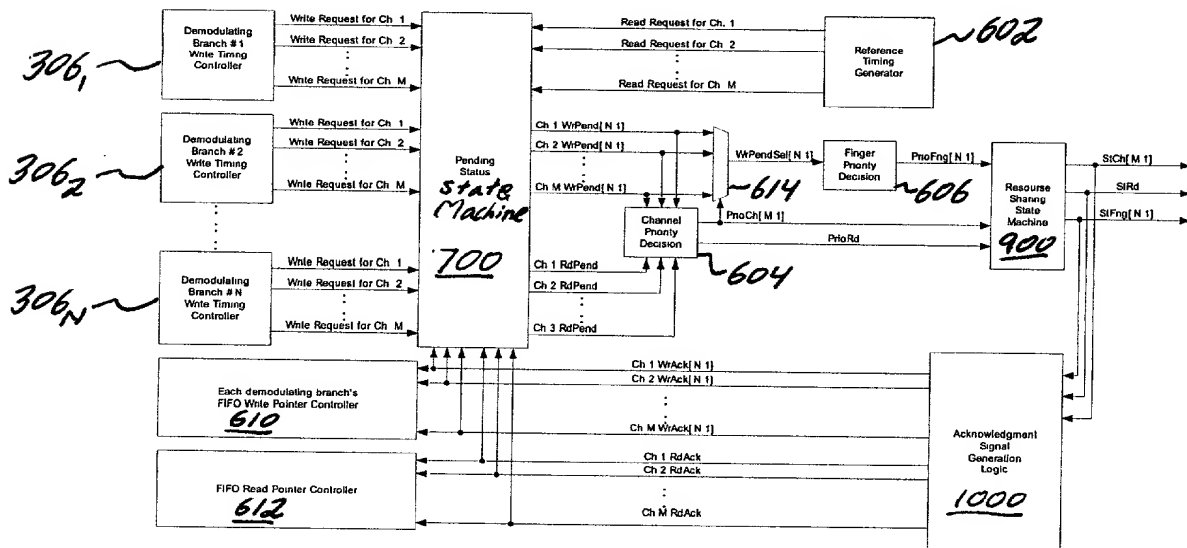


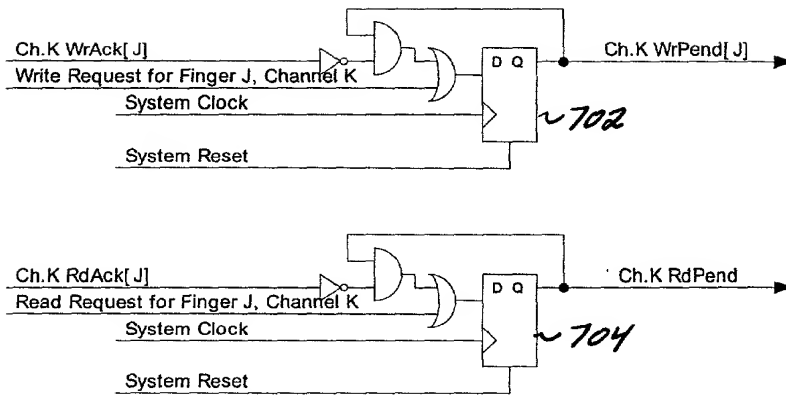
FIG. 6

600



**FIG. 7**

*700*



where  $K = 1, 2, \dots, M$ ,  $J = 1, 2, \dots, N$

**FIG. 8**

Pending Status State Machine Behavior

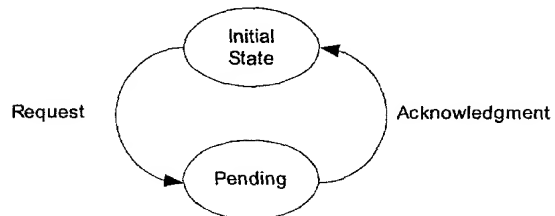


FIG. 9

900

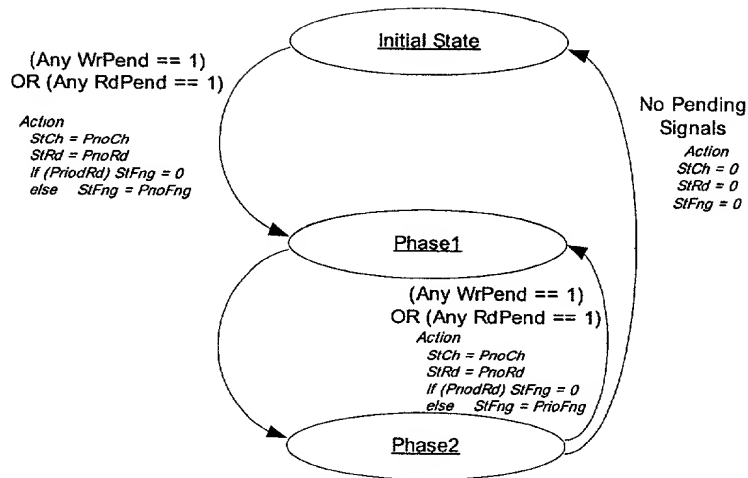
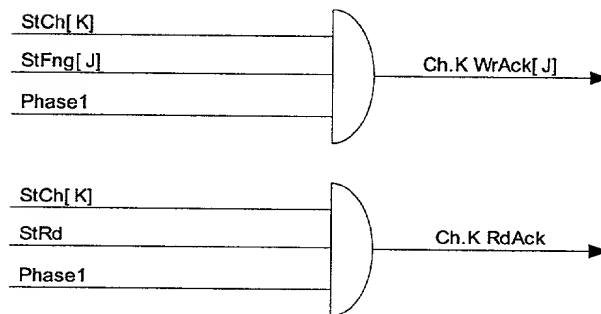


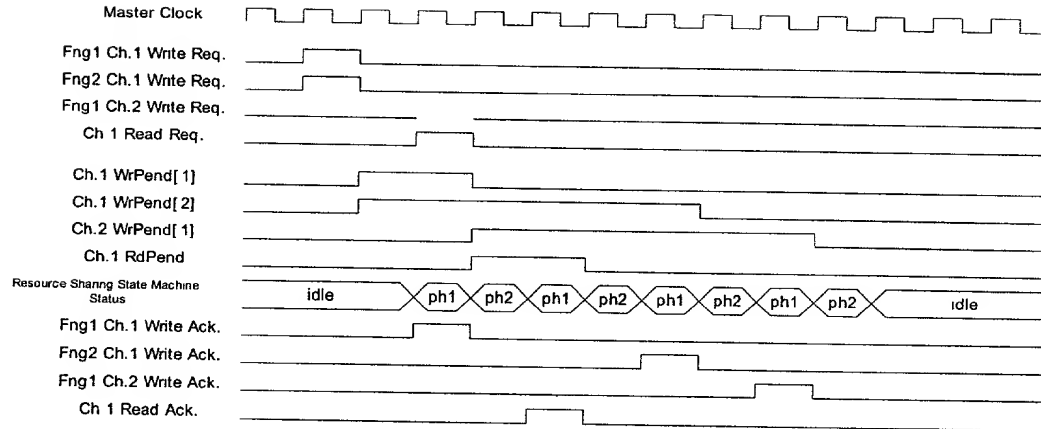
FIG. 10

1000

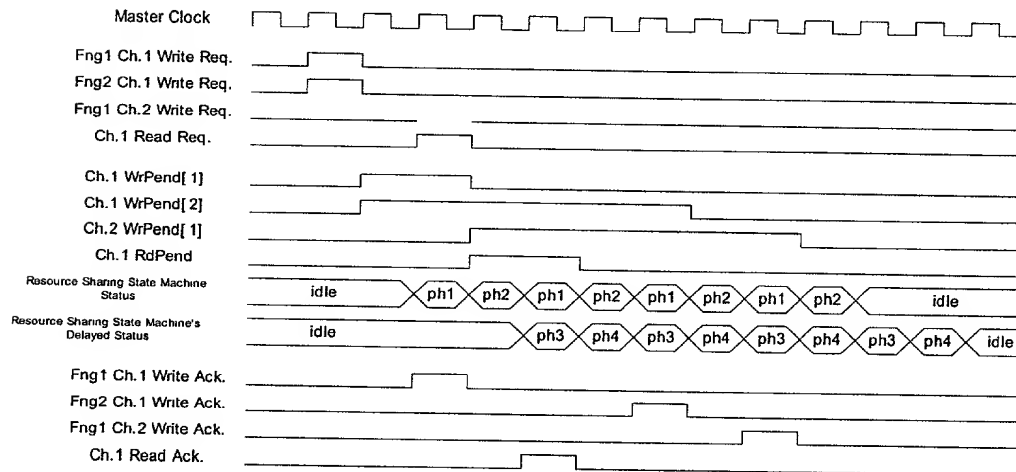


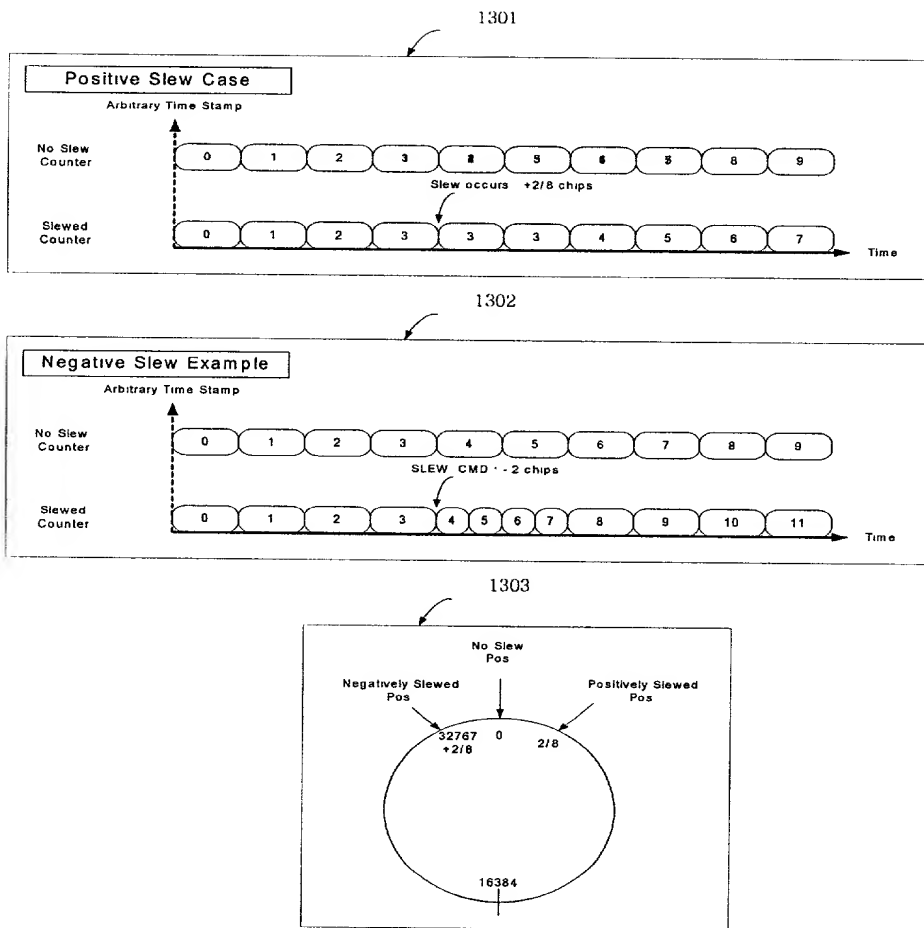
where K = 1,2,...,M, J = 1,2,...,N

# FIG. 11



# FIG. 12





FIGS. 13A-C

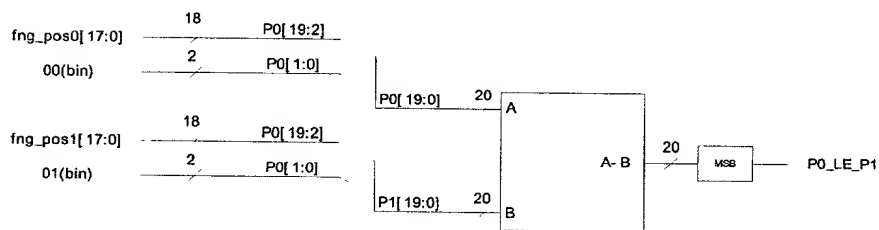
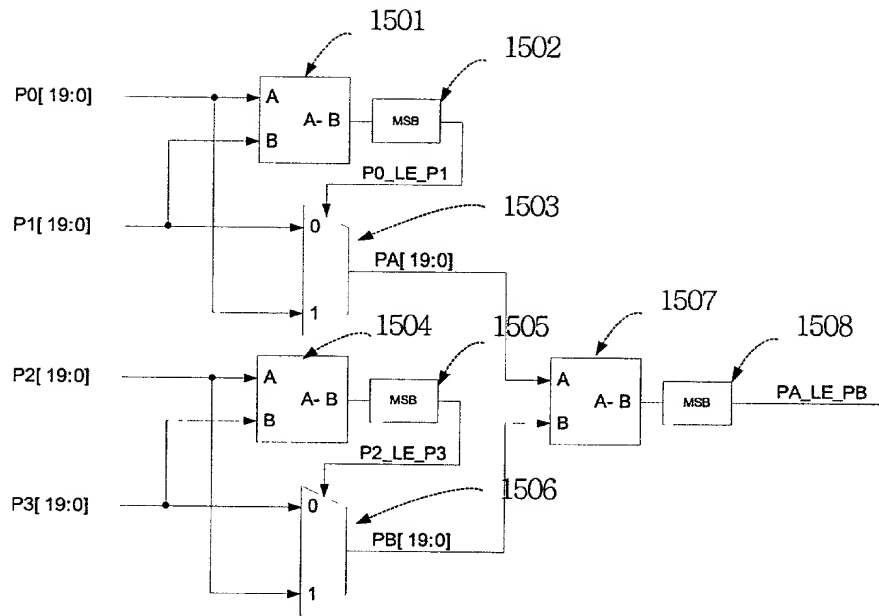
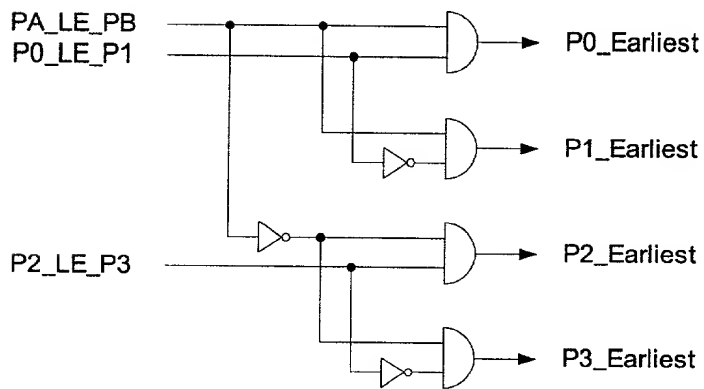


FIG. 14



**FIG. 15**



**FIG. 16**